

Fig. 1

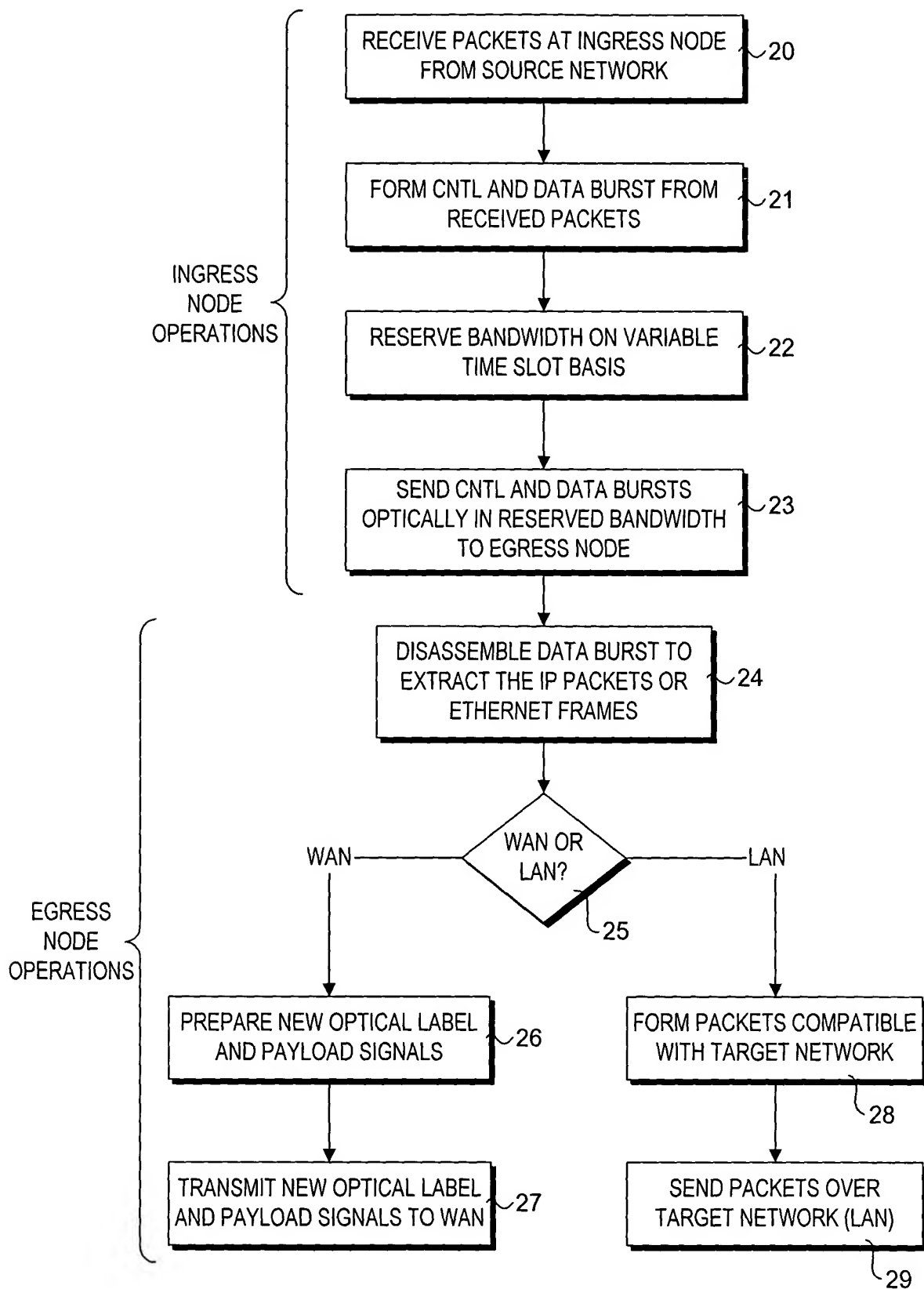


Fig. 2

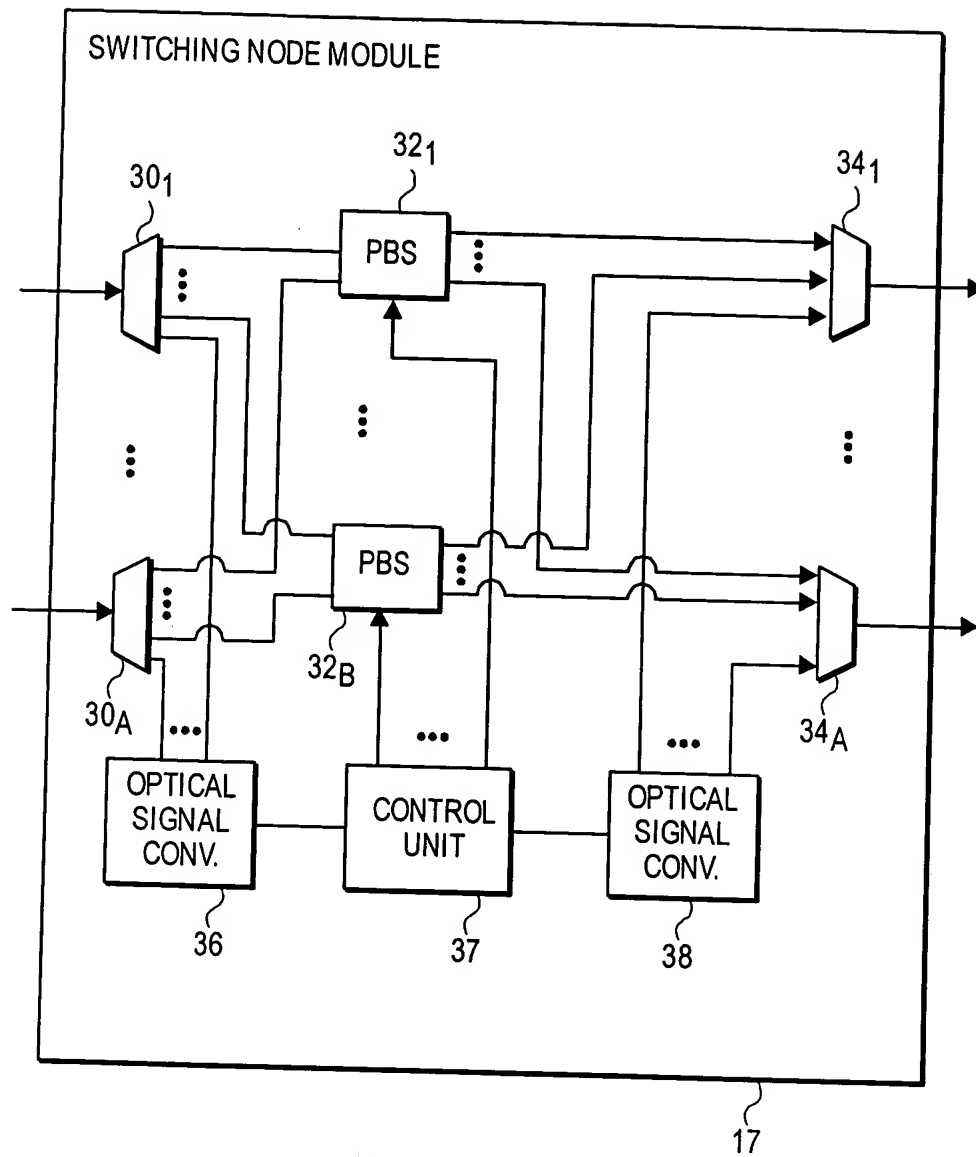


Fig. 3

OPTICAL DATA BURST FORMAT

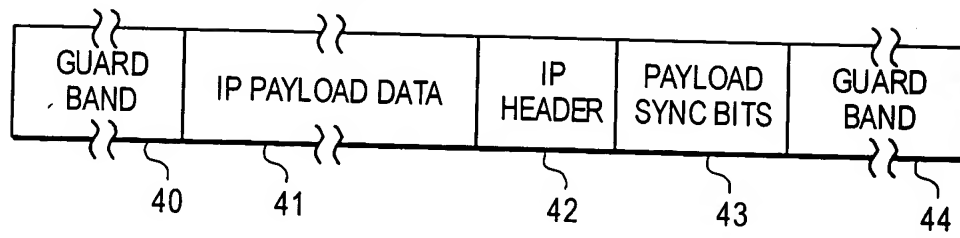


Fig. 4a

OPTICAL CONTROL BURST FORMAT

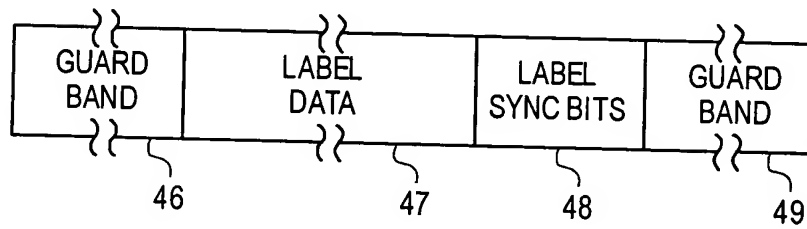


Fig. 4b

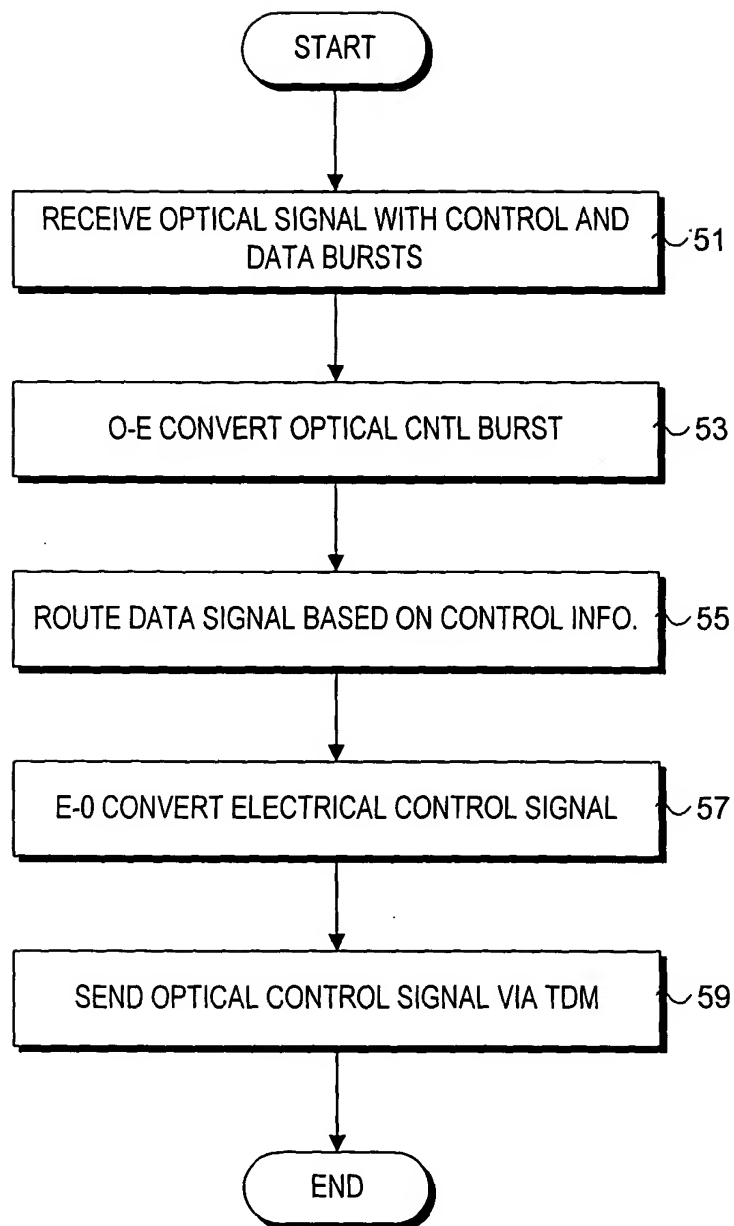


Fig. 5

GMPLS BASED ARCHITECTURE FOR PBS

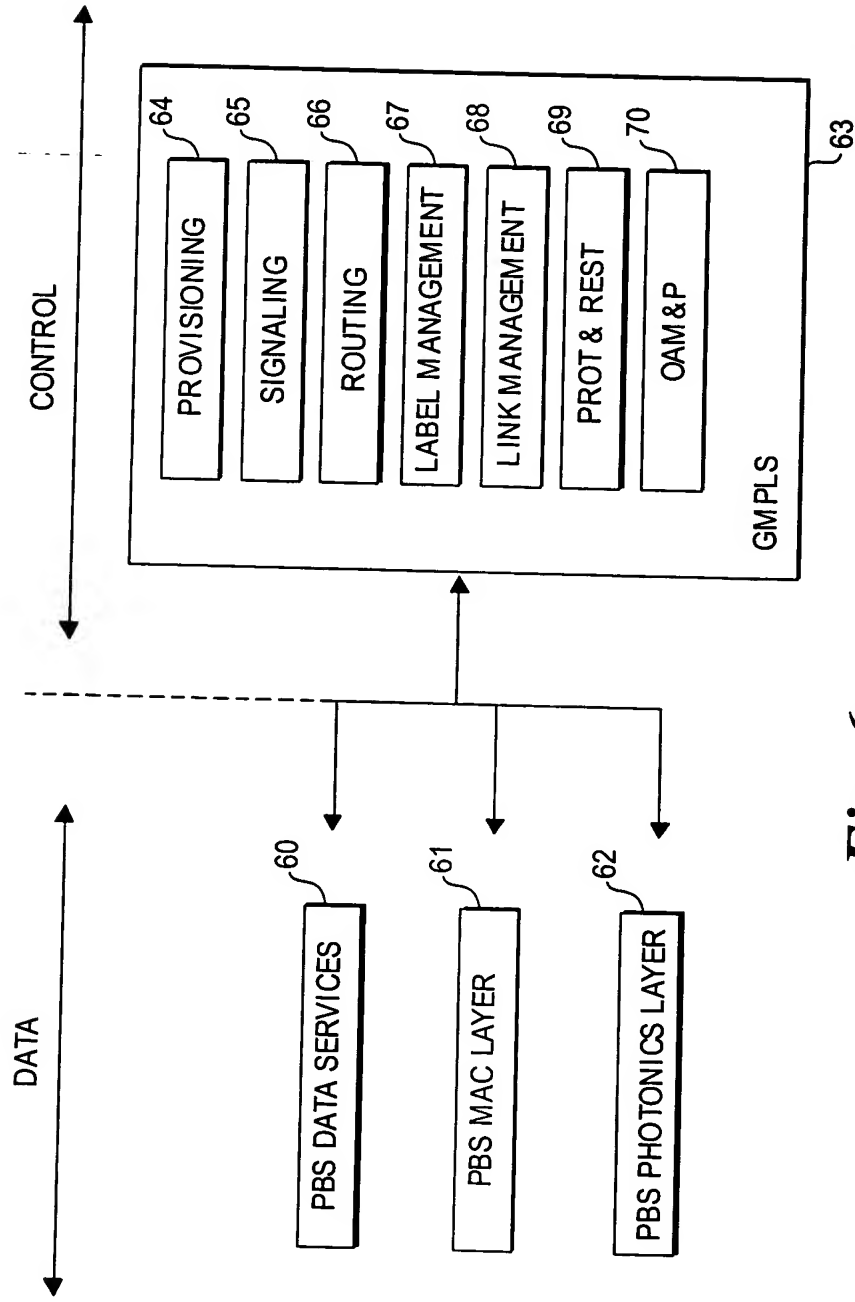


Fig. 6

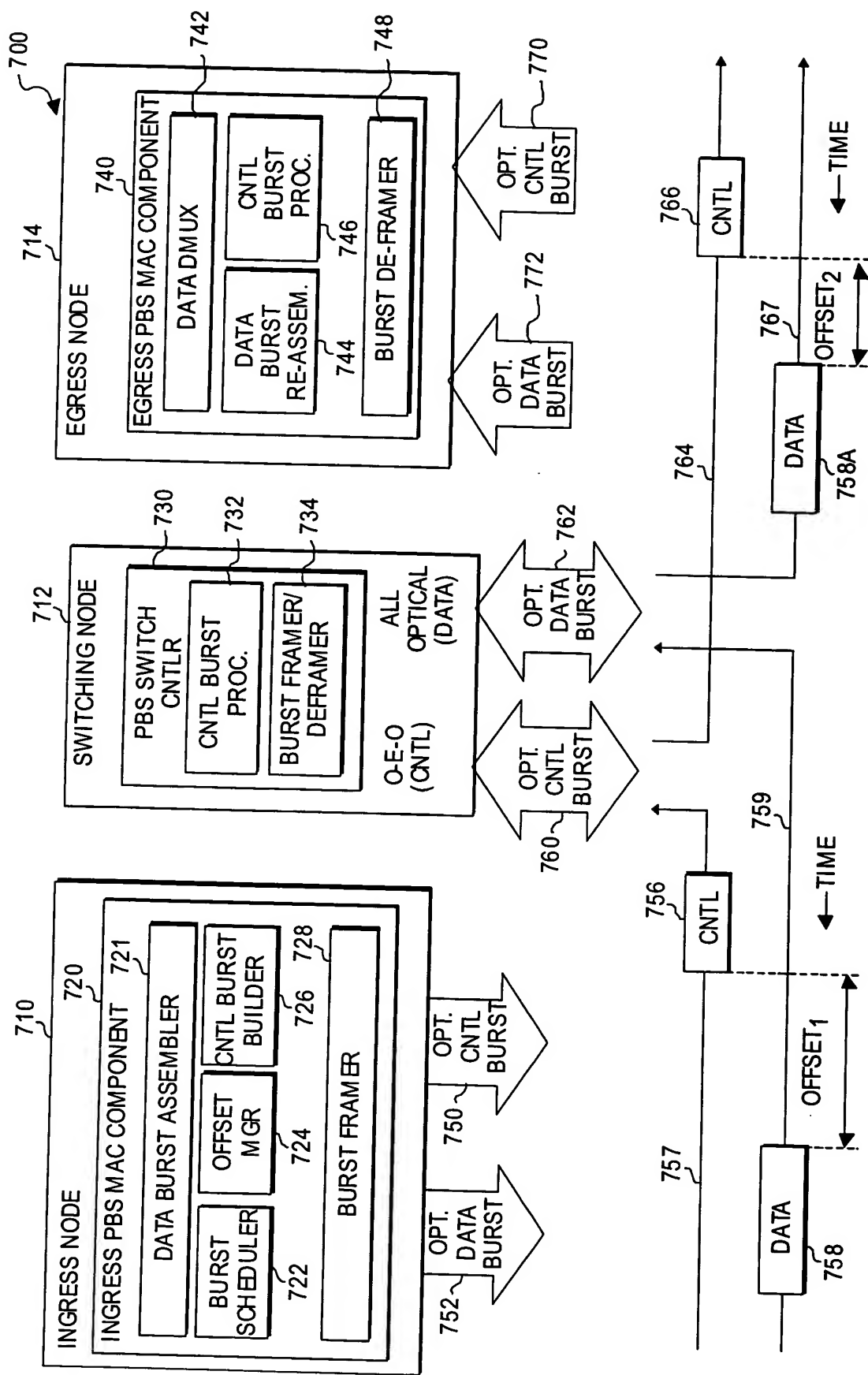


Fig. 7

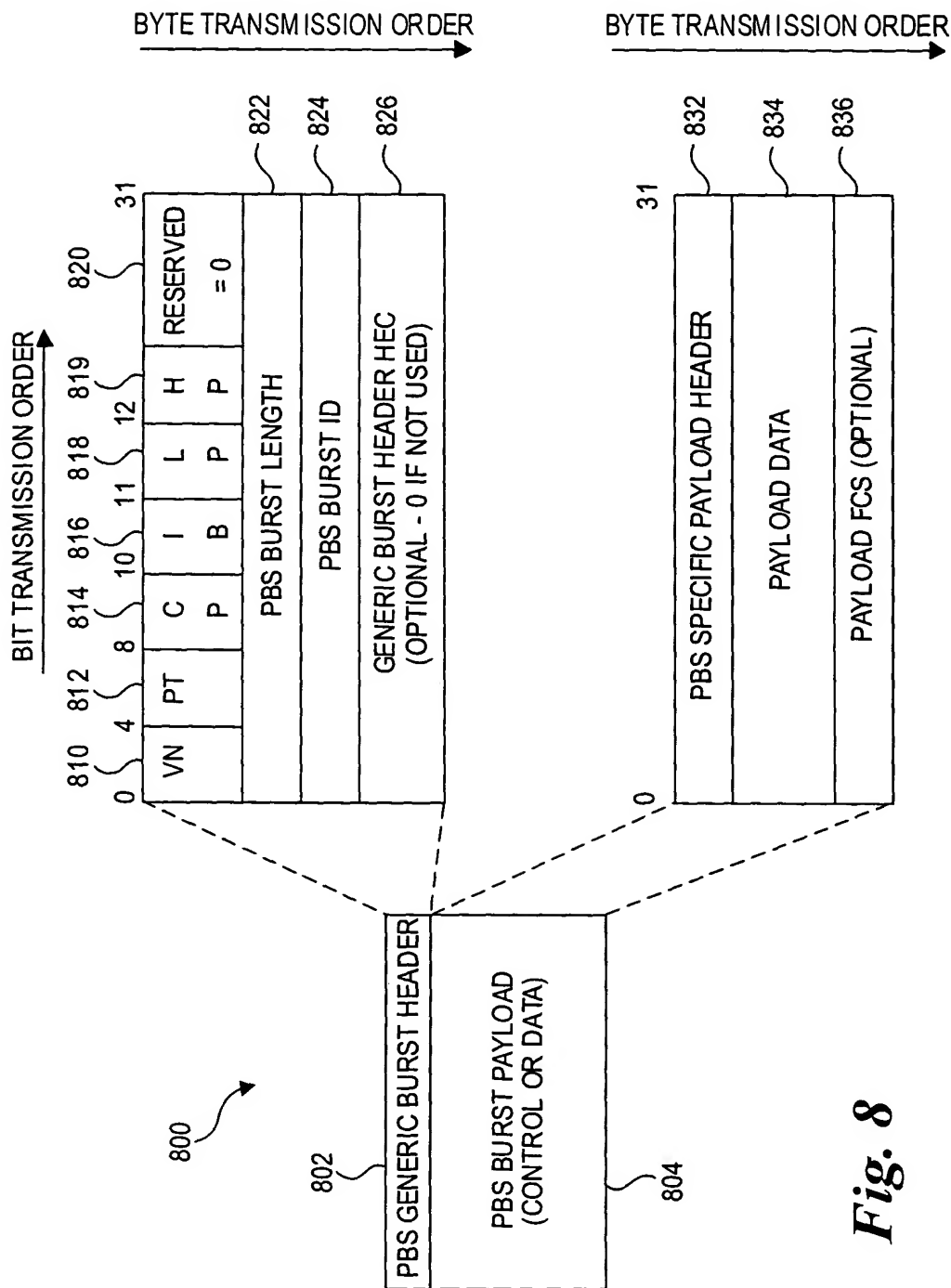


Fig. 8

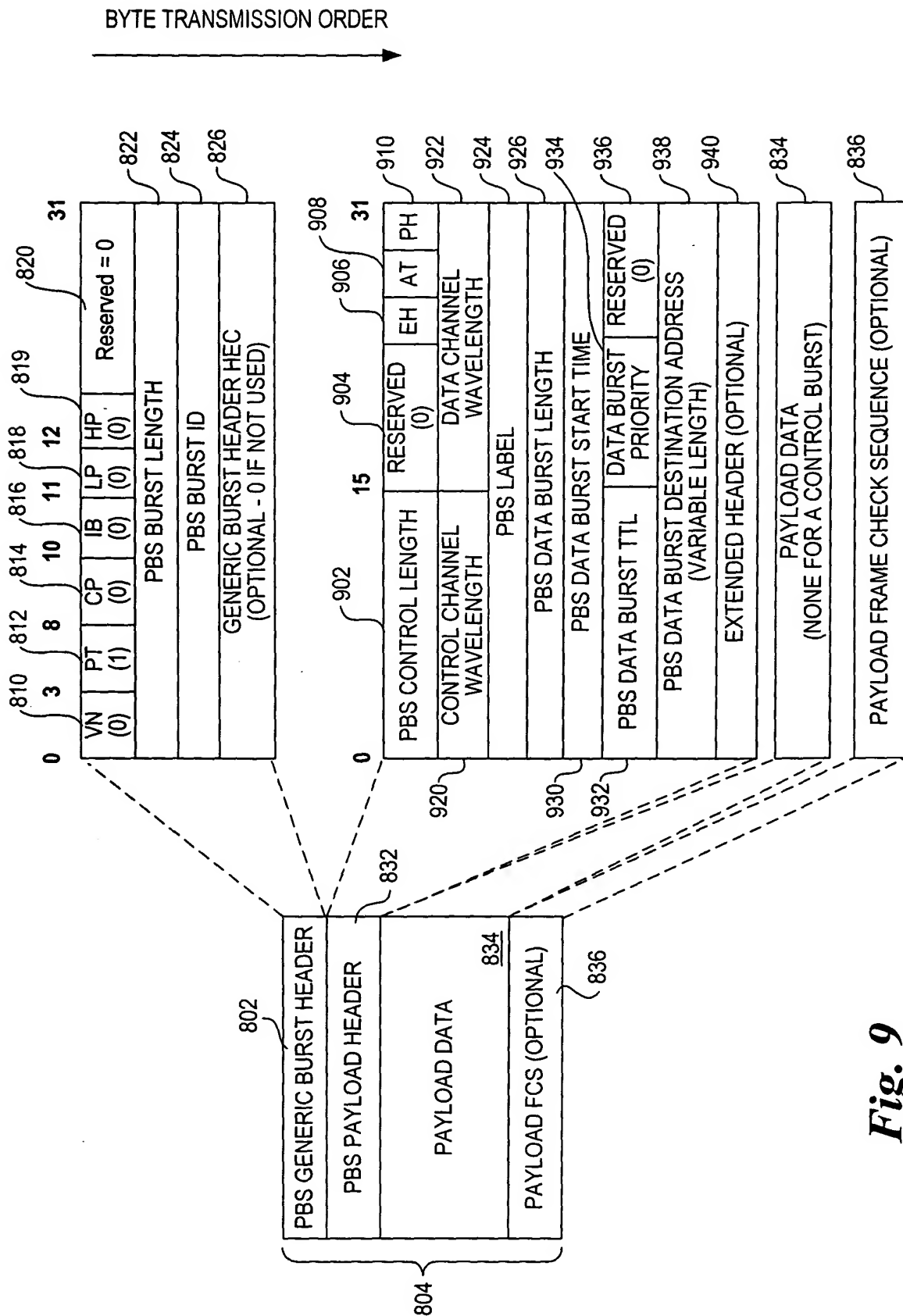


Fig. 9

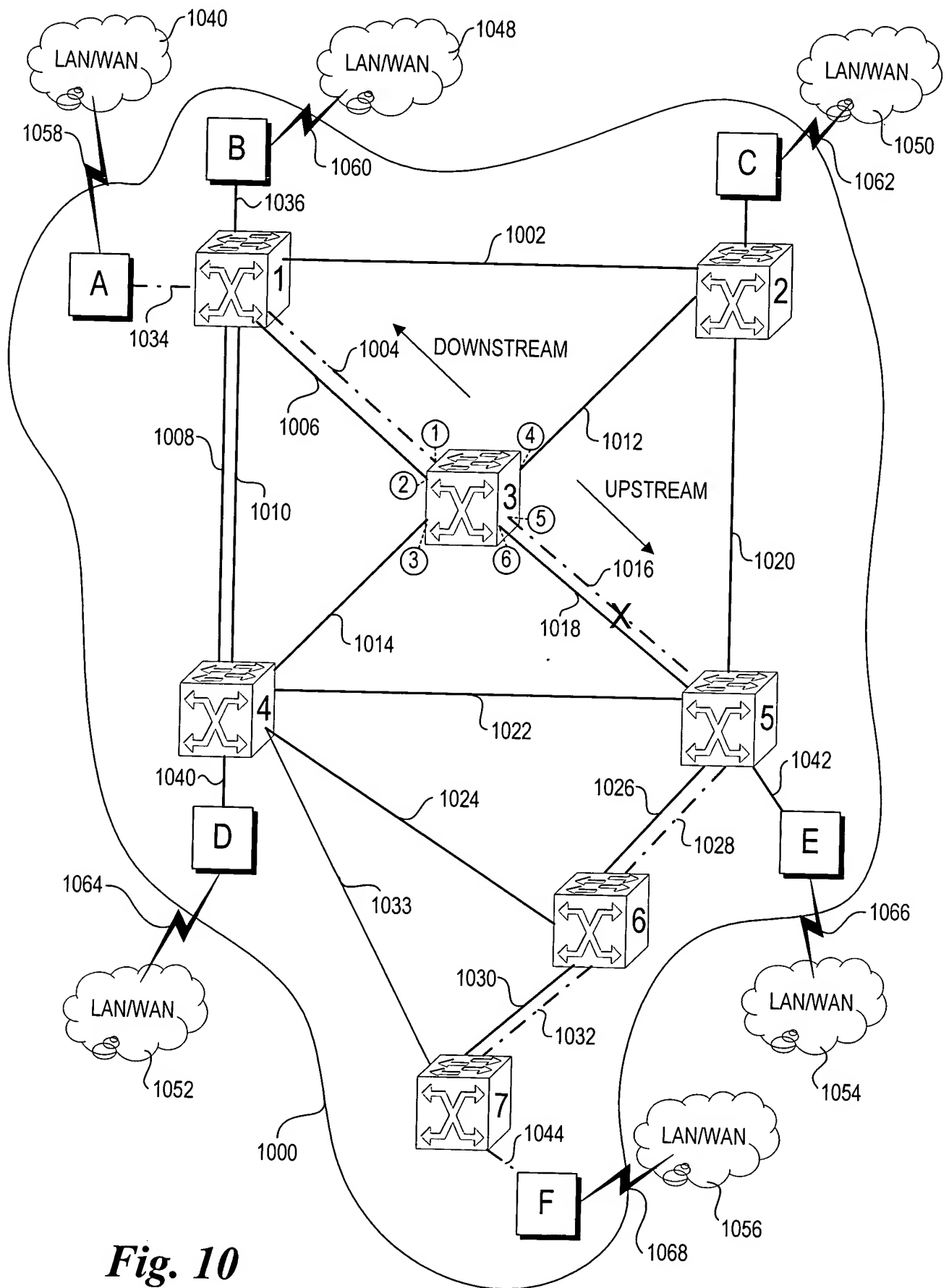


Fig. 10

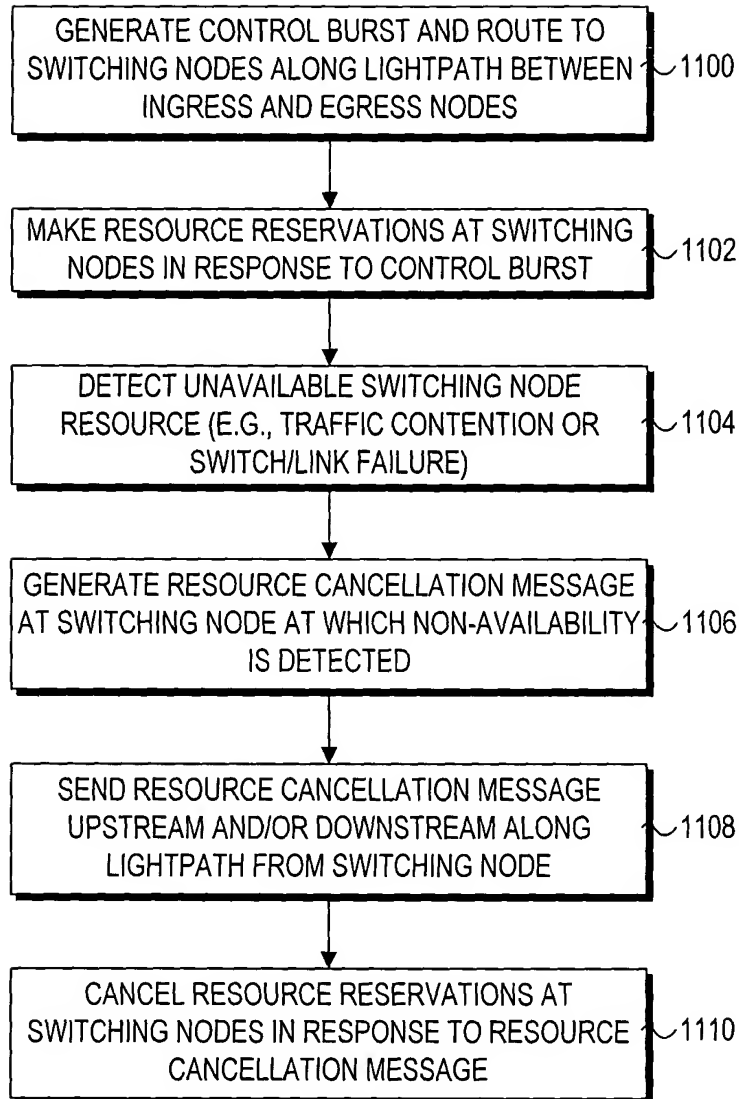


Fig. 11

RESERVATION TABLE											
Key (Burst ID)	Input Fiber		Input		Input Lightpath		Output		Output Lightpath		Status
	Port	Wavelength	Wavelength	Fiber Port	Segment ID	Segment ID	Wavelength	Fiber Port	Segment ID	Time	
... 1005	1	196.4	196.4	5	1004	1016	196.4	5	1016	12:00:000 12:00:001	1
... 1027	1	197.2	197.2	5	1004	1016	197.2	5	1016	12:00:000 12:00:003	1
... 1045	2	197.2	197.2	6	1006	1018	197.2	6	1018	12:00:001 12:00:002	1
... 1115	3	196.4	196.4	4	1014	1012	195.6	4	1012	12:00:002 12:00:003	1
... 1146	1	195.6	195.6	5	1004	1016	195.6	5	1016	12:00:002 12:00:004	1
... 1178	2	196.4	196.4	6	1006	1018	196.4	6	1018	12:00:002 12:00:003	1
... 1222	6	197.2	197.2	1	1018	1004	197.2	1	1004	12:00:004 12:00:006	1
... 1256	4	195.6	195.6	3	1014	1014	195.6	3	1014	12:00:004 12:00:007	1
... 1313	2	196.4	196.4	2	1006	1006	196.4	2	1006	12:00:005 12:00:006	0
... 1345	5	195.6	195.6	1	1016	1004	195.6	1	1004	12:00:005 12:00:007	0

Fig. 12

1200

Fig. 13a

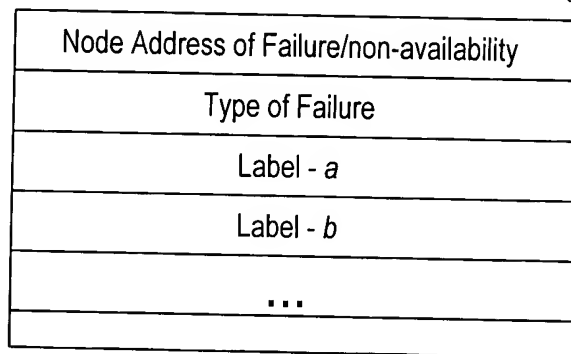
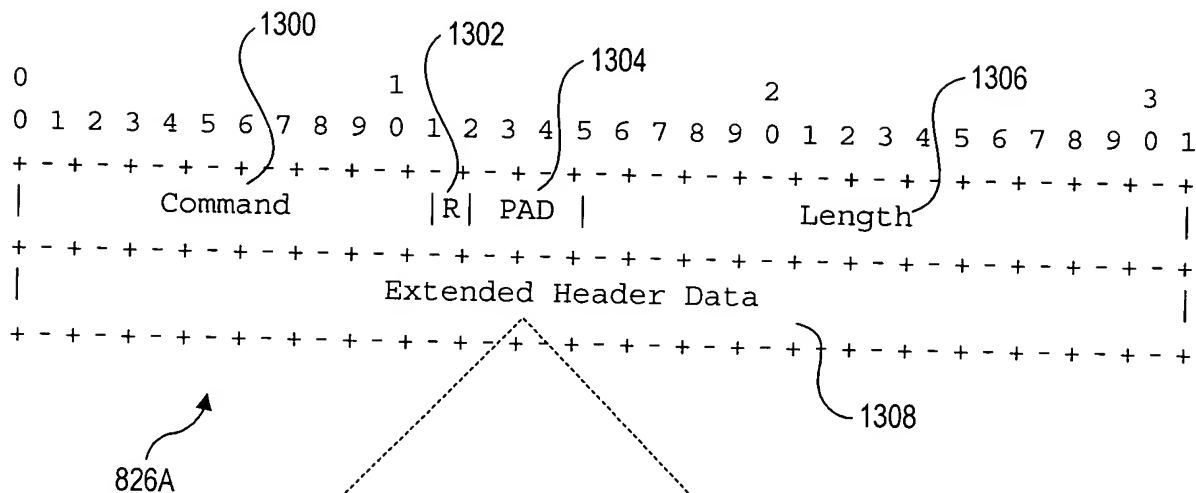
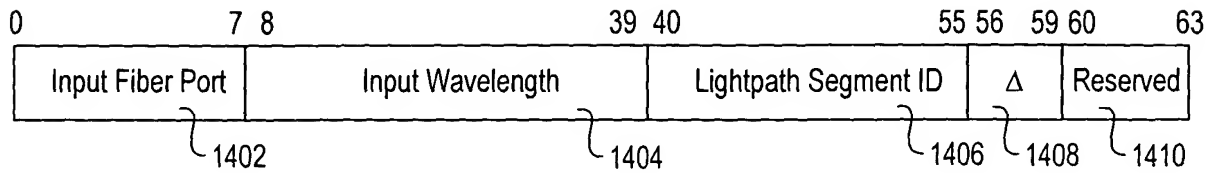


Fig. 13b

COMMAND 1: CANCEL BANDWIDTH AT NODE
 2: RELEASE ALL NODES
 3: RELEASE ALL UPSTREAM NODES
 4: RELEASE ALL DOWNSTREAM NODES

Fig. 13c



1400

Fig. 14

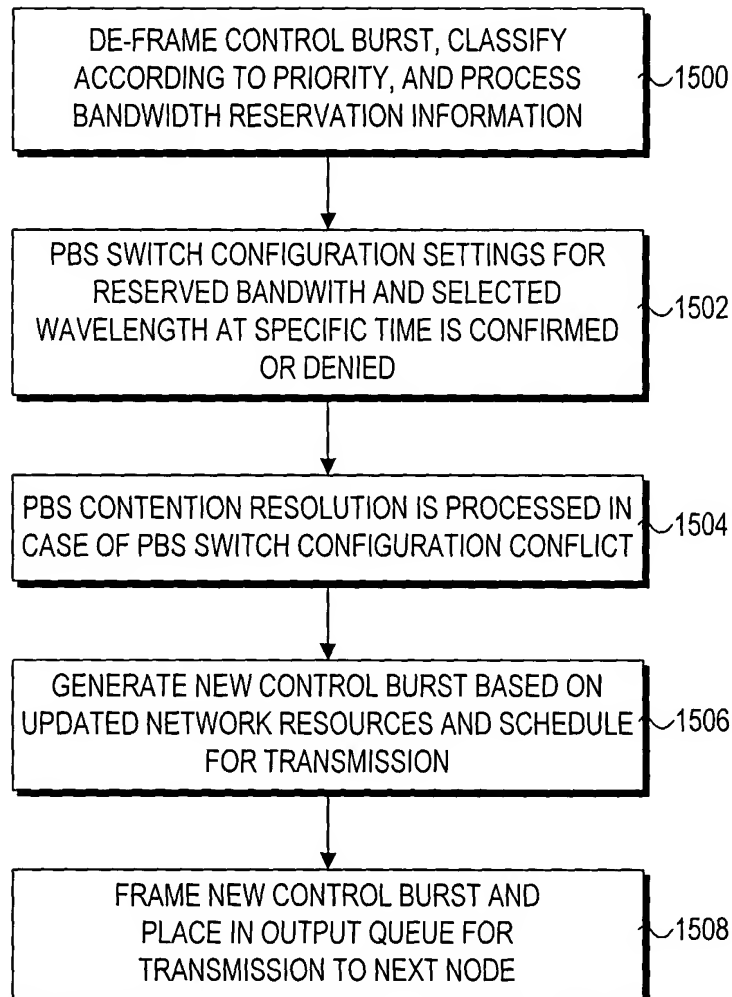


Fig. 15

Fig. 16

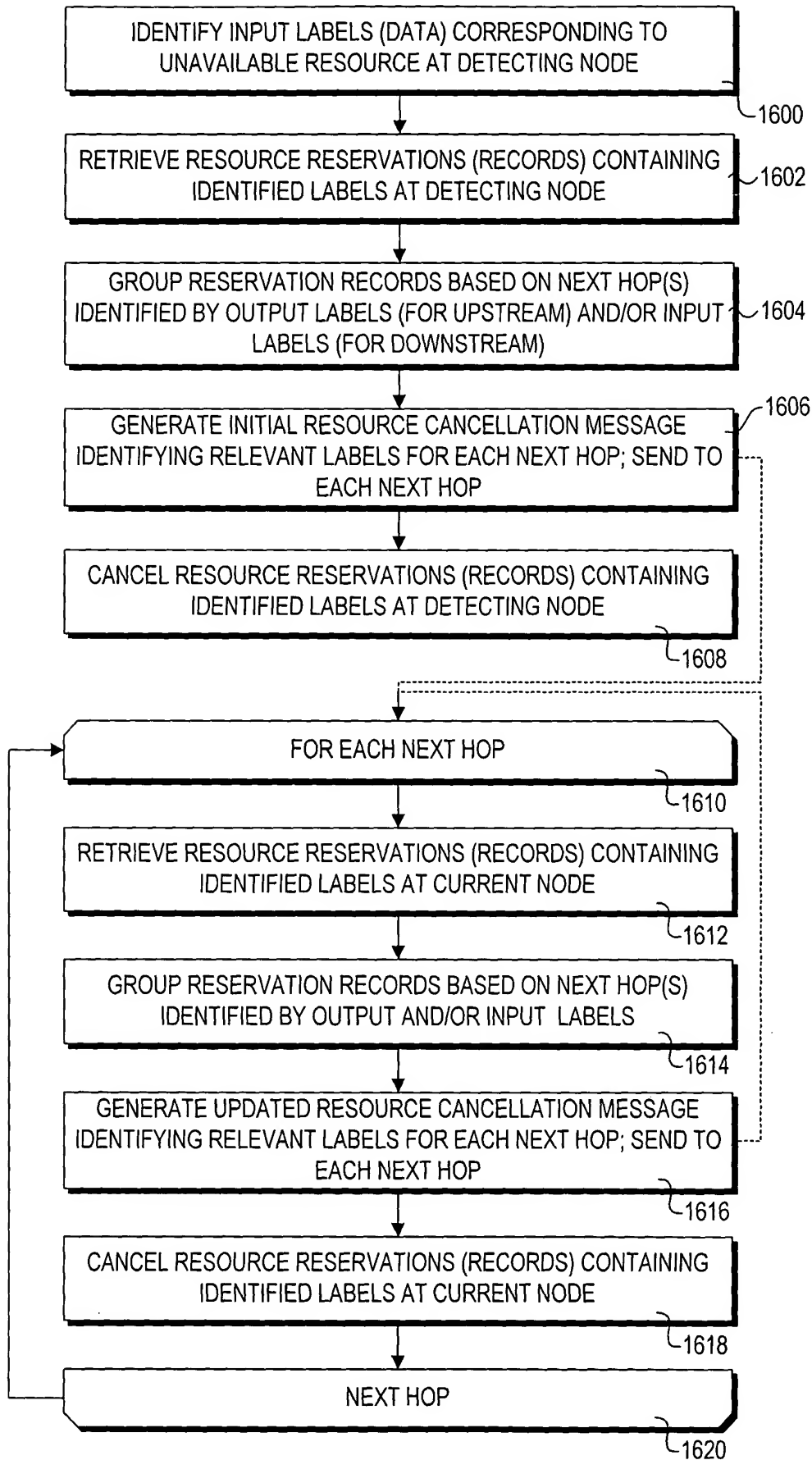
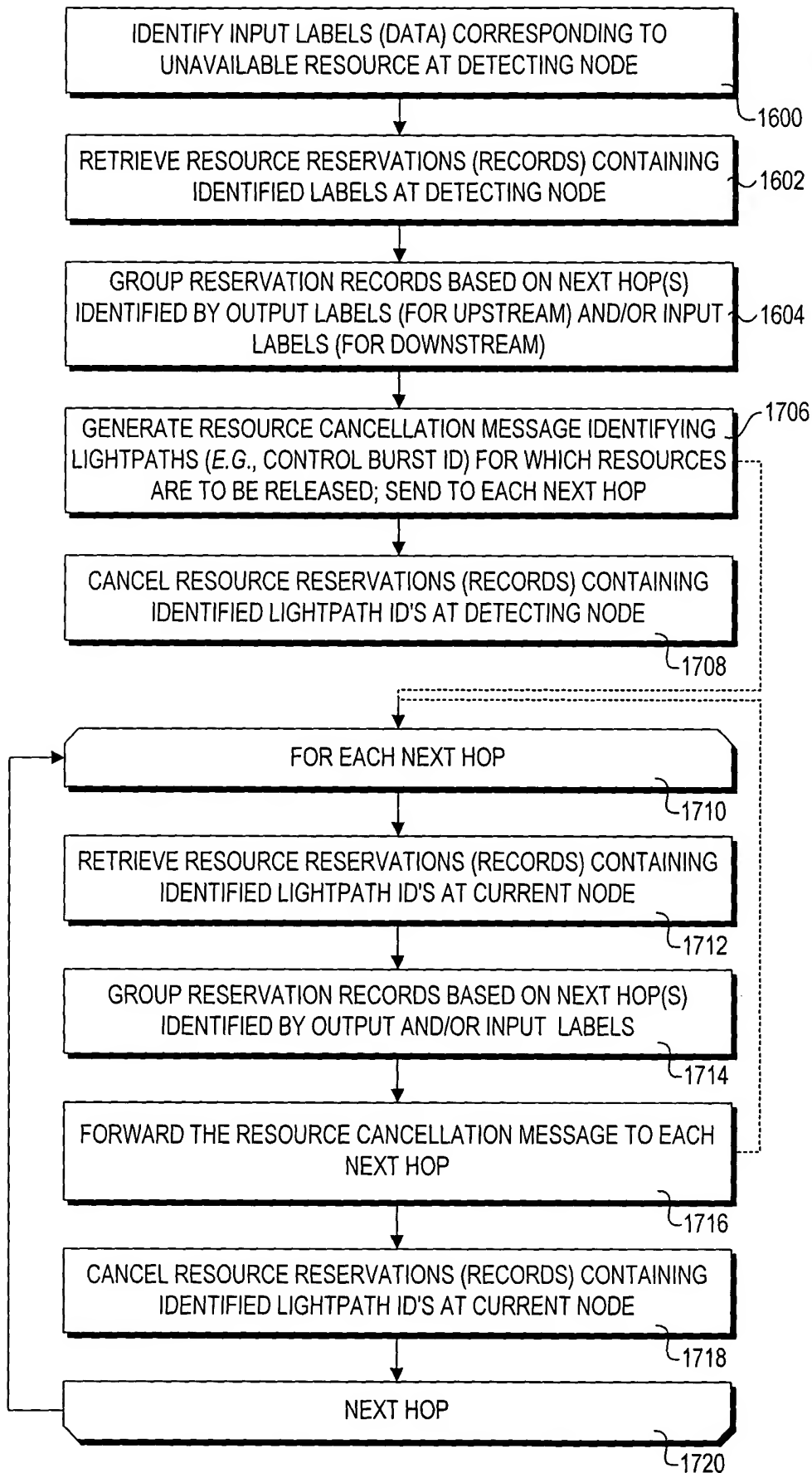


Fig. 17



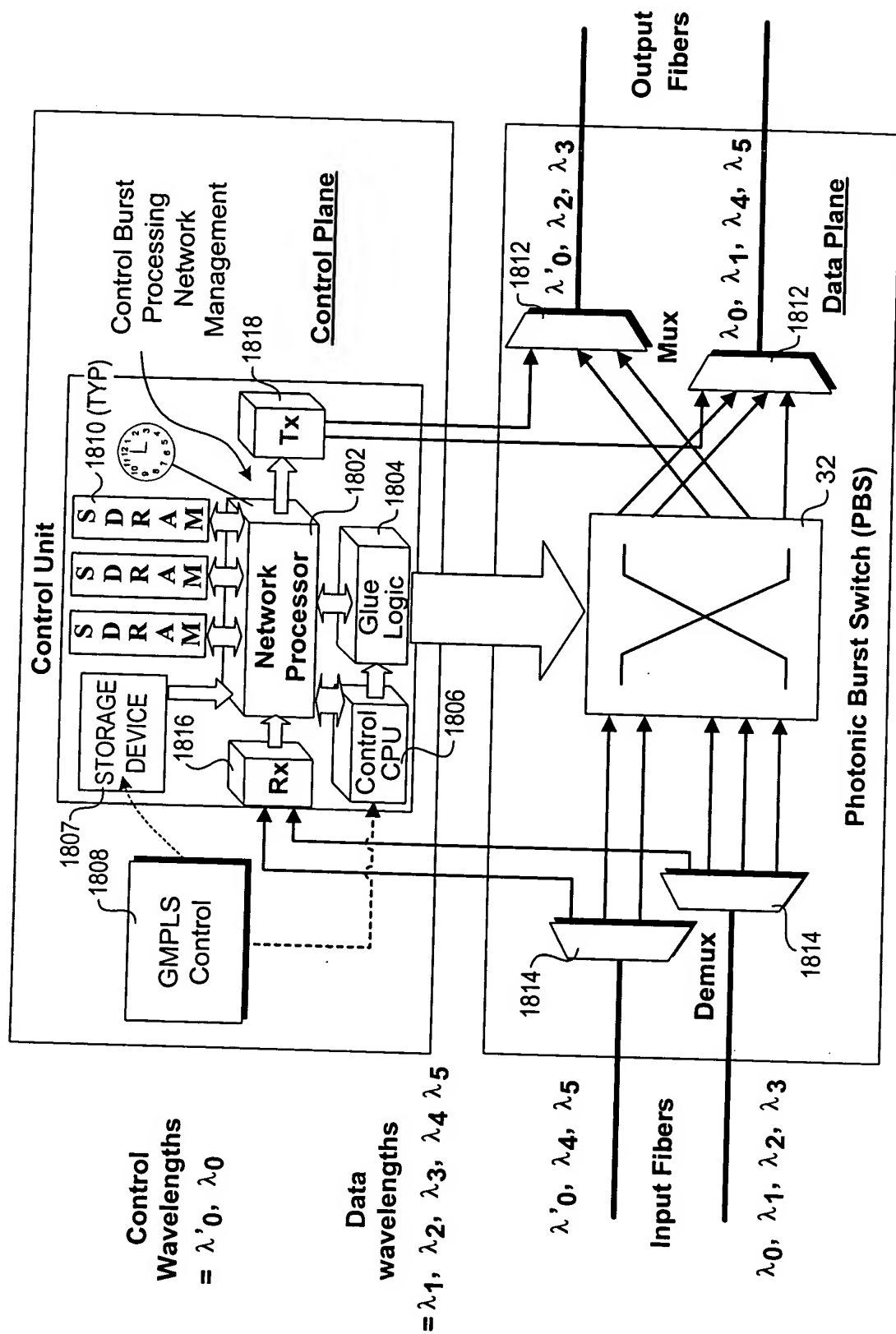


Fig. 18